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Intellectual Property Law Group PLLC

701 Fifth Avenue, Suite 6300  
Seattle WA 98104-7092 USA  
Facsimile: (206) 682-6081  
Telephone: (206) 622-4900  
www.seedlaw.com

Jeffrey C. Pape, Ph.D.  
jeffp@seedlaw.com

November 19, 2001

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**TO: EXAMINER: Sarvamangala Devi**  
**ART UNIT: 1645**  
**Fax No.: 1-703-308-4556**

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**NOV 19 2001**

**RE: U.S. Patent Application No. 09/151,409**  
**GROUP A STREPTOCOCCAL VACCINES**  
**Attorney Docket No.: 481112.410**

**GROUP 1600**

☒ Urgent☐ For Review☒ Please Confirm Receipt☐ Please Reply ASAP**Comments:**

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701 Fifth Avenue, Suite 6300  
Seattle WA 98104-7092 USA  
Facsimile: (206) 682-6031  
Telephone: (206) 622-4900  
www.seedlaw.com

Jeffrey C. Pope, Ph.D.  
jeffp@seedlaw.com

November 15, 2001

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TO: EXAMINER: Sarvamangala Devi  
ART UNIT: 1645  
Fax No.: 1-703-872-9306

RE: U.S. Patent Application No. 09/151,409  
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Attorney Docket No.: 481112.410

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USAN: 09/151,409

Atty Docket: 48:1112.410

Filing Date: September 10, 1998

James B. Dale

Art Unit 1645

Examiner: S. Devl

**Certificate of Transmission under 37 CFR 1.8**

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Amendment dated November 15, 2001 (25 pages)

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jefp@seedlaw.com

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TO: EXAMINER: Sarvamangala Devi  
ART UNIT: 1645  
Fax No.: 1-703-872-9306

RE: U.S. Patent Application No. 09/151,409  
GROUP A STREPTOCOCCAL VACCINES  
Attorney Docket No.: 481112.410

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Comments:

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<b>TRANSMITTAL FORM</b> (To be used for all correspondence after initial filing)	Application Number	09/151,409
	Filing Date	September 10, 1998
	First Named Inventor	James B. Dale
	Group Art Unit	1645
	Examiner Name	Sarvamangala Devi
	Attorney Docket No.	481112.410

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>Amendment/Response (25 pages)</b> <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> <b>Return Receipt Postcard</b> <input checked="" type="checkbox"/> <b>Additional Enclosure(s)</b> (please identify below): Certificate of Transmittal under 37 CFR 1.8
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Individual Name Jeffrey C. Pepe, Ph.D.  
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GROUP 1600

Applicant : James B. Dale  
Application No. : 09/151,409  
Filed : September 10, 1998  
For : *GROUP A STREPTOCOCCAL VACCINES*

Examiner : S. Devi, Ph.D.  
Art Unit : 1645  
Docket No. : 481112.410  
Date : November 15, 2001

Box Non-Fee Amendment  
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Washington, DC 20231

REPLY AND AMENDMENT

Commissioner for Patents:

Please amend the application as follows: